

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/083239 A1

(51) International Patent Classification⁷: **F01L 9/02**

(21) International Application Number:
PCT/SE2005/000270

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0400503-9 1 March 2004 (01.03.2004) SE

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

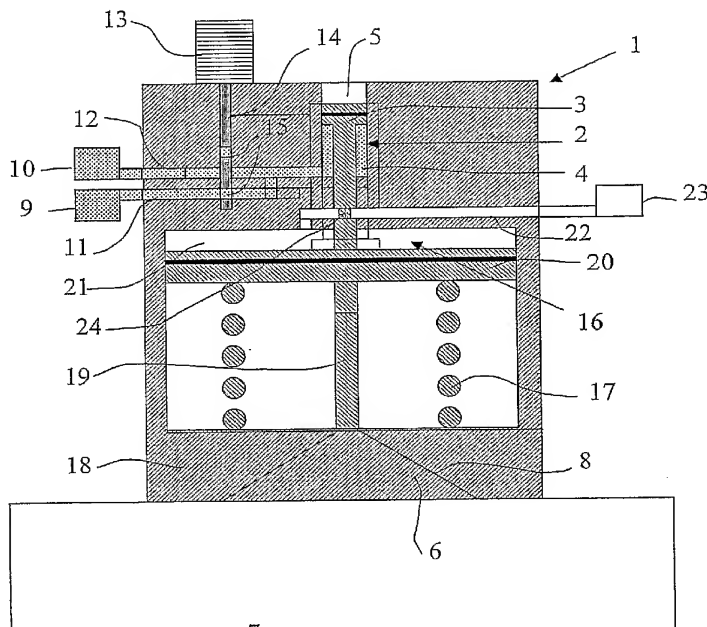
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF GENERATING PRESSURE PULSES, A PRESSURE PULSE GENERATOR AND A PISTON EN-
GINE PROVIDED THEREWITH



(57) Abstract: A pressure pulse generator compris-
ing a pressure pulse transmitting body (3) which is
displaceably arranged in a chamber (2), said cham-
ber (2), divided by said body (3) into a first and a
second part (4, 5), a first spring and a second spring
(16, 17), arranged to displace said body (3) in a first
direction and a second direction respectively in said
chamber, a first conduit (11) leading between a high
pressure source (9) and a first part (4) of the cham-
ber (2), wherein the pressure fluid in the first part (4)
of the chamber acts on said body (3) for displacing the
latter in the second direction, and means (13, 14) for
opening/interrupting a communication between the
first part (4) of the chamber (2) and the high pres-
sure source (9) through the first conduit (11). The means
for opening/interrupting the communication between
the first part (4) of the chamber (2) and the high pres-
sure source (9) are arranged to interrupt the commu-
nication therebetween while the body (3) is displaced
in the first direction from a predetermined starting
position through a triggering of the first spring (16),
and arranged to keep the communication between the
first part (4) of the chamber (2) and the high pressure
source (9) open while the body (3) is displaced in the
second displacement direction back to said starting
position, whereby a biasing of the first spring (16) is
accomplished.